



HP iPAQ h4155 Motherboard Replacement

This guide will illustrate the proper method for the removal of the mother board.

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TOOLS:

- [iFixit Opening Tools](#) (1)
 - [T5 Torx Screwdriver](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Battery removal



- Slide the silver release tab up and simultaneously lift the cover up from the left side.

Step 2



- Push the tab from left to right to remove the cover.

Step 3



- Now lift the battery up and away from the device to remove it.

Step 4 — Back Case



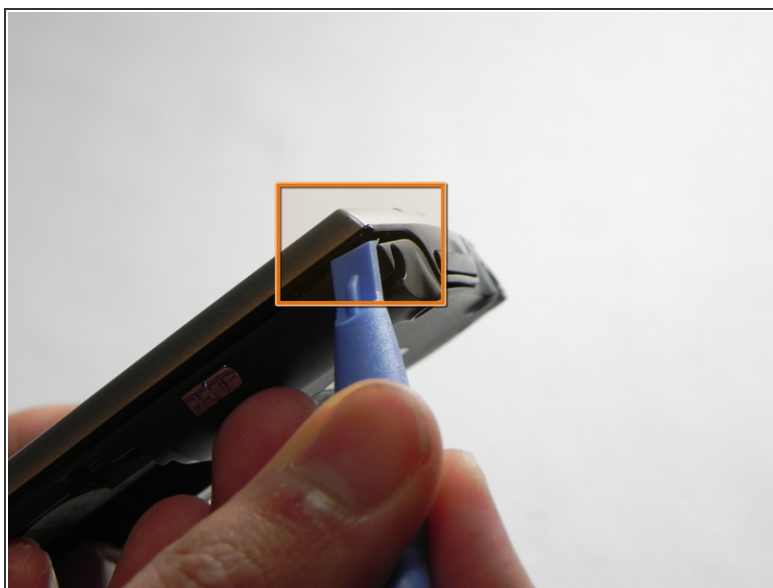
- Remove the four silver screws (T5 x .25 in).

Step 5



- Remove the single black screw (T5 x .125 in) beneath the HP sticker.

Step 6



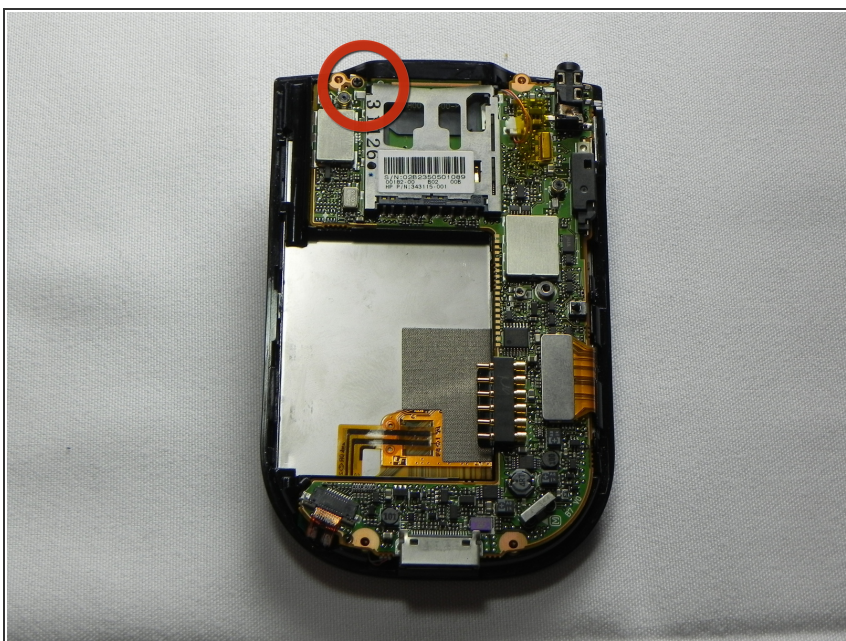
- Next, use your plastic removal tool to separate the gray back from the black center piece.
- For better results, start the separation at the corner piece.

Step 7



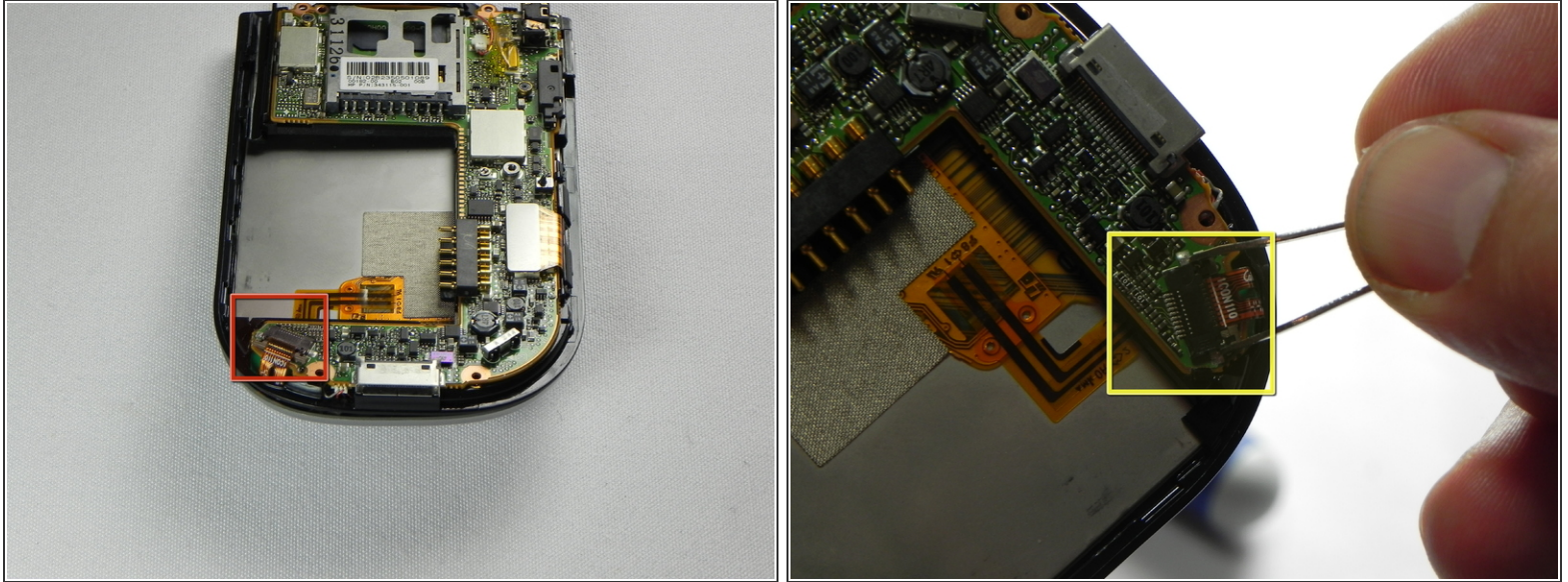
- Remove the back case.

Step 8 — Face Plate



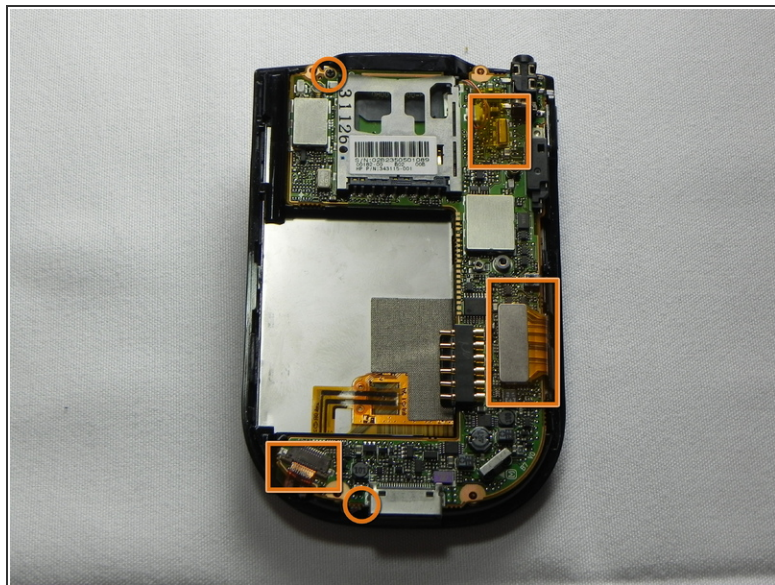
- Now that the back cover is removed, remove the small screw (#00 Philips x .17) to the left of the SD card slot

Step 9



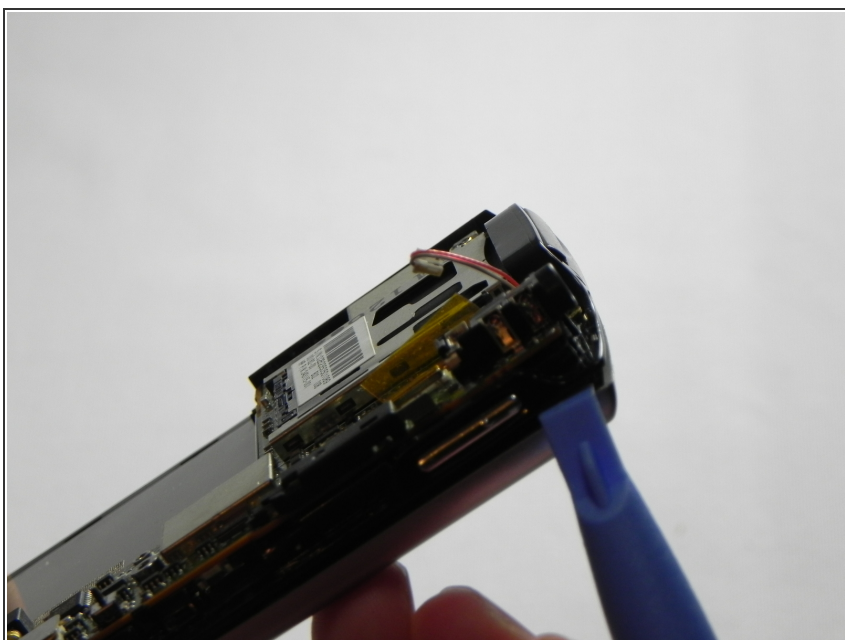
- Next you will need to unlock and remove the ribbon cable
 - Carefully pull back on both sides of the brown bar using metal tweezers, unlocking the cable and slipping it out of the connector
- ⚠ The bar, connector, and cable are fragile components that can be easily broken

Step 10



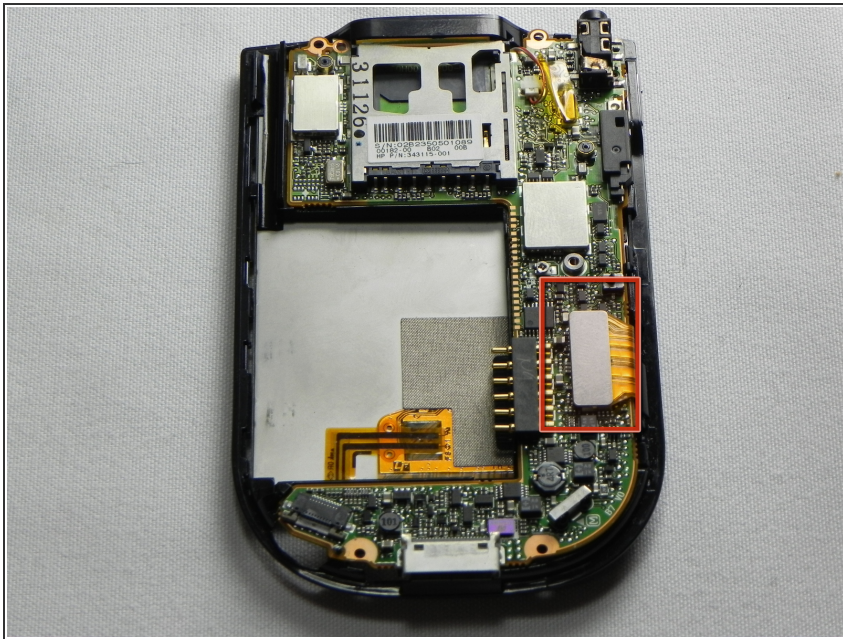
- Next you need to remove the wire off the bottom of the mother board
- i* The easiest method is to use some metal tweezers and grip the plug close to the connector.
- Make sure all these connections are properly disconnected before separation of the motherboard

Step 11



- Next use your plastic removal tool and separate the silver front case from the black frame.

Step 12 — Motherboard



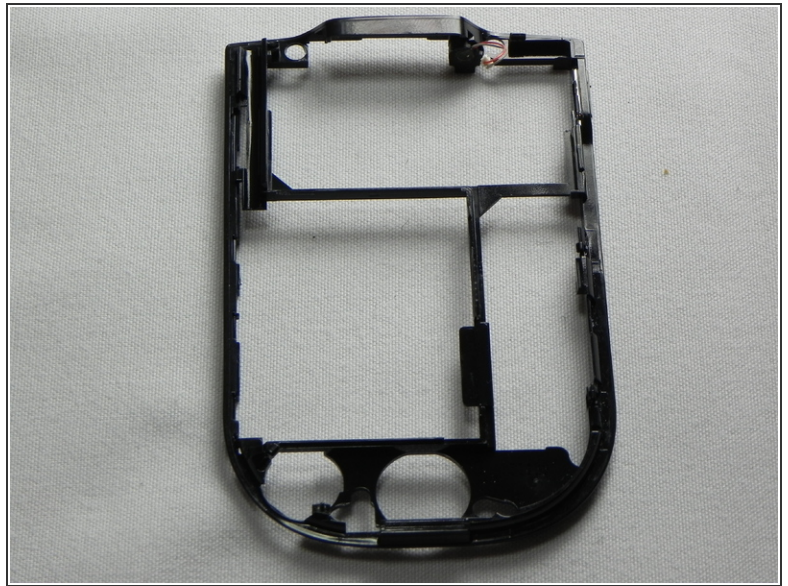
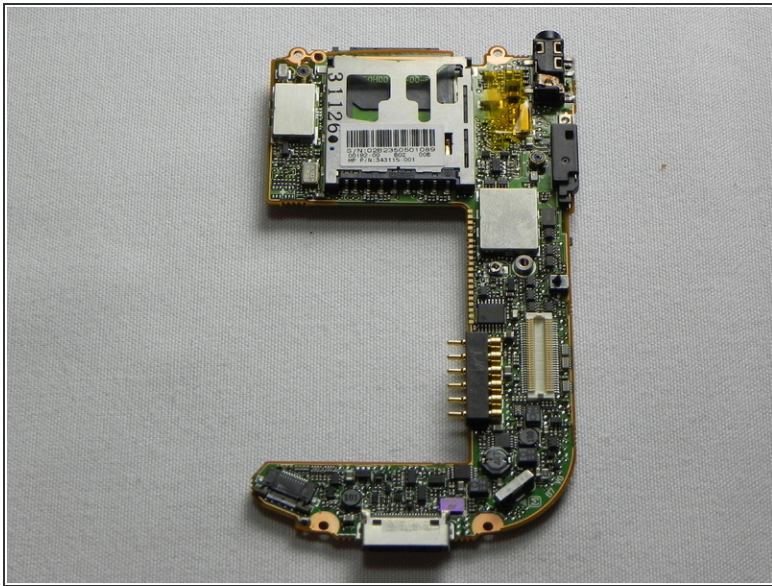
- Now that the front cover is removed we will need to disconnect the LCD screen from the mother board. Pull the LCD connection out of the slot to properly disconnect.

Step 13



- Next we will need to remove the last wire from the motherboard
- ⓘ The easiest method is to grab and pull with metal tweezers near the bottom of the plug near the connector.

Step 14



- Finally the mother board can be removed from the center black frame.

To reassemble your device, follow these instructions in reverse order.

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